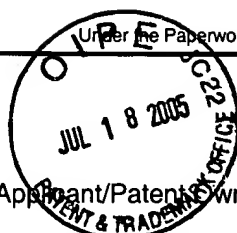


2634 IFN



**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Agere Systems Inc.

Application No./Patent No.: 09/516,820

Filed/Issue Date: 3/1/2000

Entitled: **TRANSMIT AND RECEIVE PROTECTION CIRCUIT**

Agere Systems Inc.

, a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %  
in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Scott W. McLellan To: Lucent Technologies Inc.  
The document was recorded in the United States Patent and Trademark Office at  
Reel 010665, Frame 022, or for which a copy thereof is attached.
2. From: Lucent Technologies Inc. To: Agere Systems Guardian Corp.  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: Agere Systems Guardian Corp. To: Agere Systems Inc.  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document (s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Theodore Naccarella  
Signature

7.14.05  
Date

Theodore Naccarella, Esquire - Registration No. 33,023

Printed or Typed Name

215-923-4466

Telephone number

Counsel

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETE D FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

MAY 31, 2000

PTAS

SYNNESTVEDT & LECHNER LLP  
STEPHEN J. WEED  
2600 ARAMARK TOWER  
PHILADELPHIA, PA 19107



\*101312198A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/01/2000

REEL/FRAME: 010665/0222  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

MCLELLAN, SCOTT W.

DOC DATE: 02/29/2000

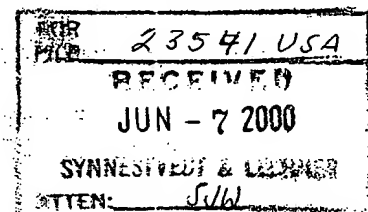
ASSIGNEE:

LUCENT TECHNOLOGIES, INC.  
600 MOUNTAIN AVENUE  
P.O. BOX 636  
MURRAY HILL, NEW JERSEY 07974-0636

SERIAL NUMBER: 09516820  
PATENT NUMBER:

FILING DATE: 03/01/2000  
ISSUE DATE:

SHIRLIE SIMON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



04-10-2000

PATENTS ONLY

IN THE



PATENT OFFICE

PATENTS ONLY

Please record the att

101312198

or copy thereof.

JCS25 U.S. PTO  
09/5168201. Name of Party(ies)  
conveying an interest:

Scott W. McLellan

Additional name(s) of  
Parties attached? No2. Name and Address of Party(ies)  
receiving an interest:LUCENT TECHNOLOGIES, INC.  
600 Mountain Avenue  
P.O. Box 636  
Murray Hill, New Jersey 07974-0636Additional name(s) and address(es)  
of Parties attached? No

3. Description of interest conveyed:

☒ [XX] Assignment☐ [ ] Change of Name☐ [ ] Security Agreement☐ [ ] Merger

Other \_\_\_\_\_

Execution Date: February 29, 2000

4. Application number(s) or patent number(s).

Additional numbers attached? NoIf this document is being filed together with a new application,  
the execution date of the application is: February 29, 2000

A. Patent Application No.(s)

B. Patent No.(s)

09/516820

5. Name and address of party  
to whom correspondence  
concerning documents should  
be mailed:Stephen J. Weed, Esq.  
Synnestvedt & Lechner LLP  
2600 Aramark Tower  
Philadelphia, PA 191076. Number of applications and patents  
involved: 17. Total Fee (37 C.F.R. §3.41): \$40.00Enclosed: ☐ [ ] (Check No. \_\_\_\_\_)  
Authorized to be Charged: ☒ [X]8. Deposit account number: 12-2325  
(Attach duplicate copy of this  
form if paying by deposit account.)

DO NOT USE THIS SPACE

9. I declare under penalty of perjury under the laws of the United  
States of America that the foregoing is true and correct.Dated: 3/1/00  
Stephen J. Weed  
Registration No. 45,202Total number of pages including  
cover sheet, attachments, and document: 4

**ASSIGNMENT AND AGREEMENT**

For value received, I, Scott W. McLellan of Kempton, in the County of Berks and State of Pennsylvania; hereby sell, assign and transfer to Lucent Technologies Inc., a corporation of the State of Delaware, having an office at 600 Mountain Avenue, P.O. Box 636, Murray Hill, New Jersey 07974-0636, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **TRANSMIT AND RECEIVE PROTECTION CIRCUIT** described in an application for Letters Patent of the United States, executed by me on even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and I also concurrently hereby sell, assign and transfer to Lucent Technologies Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

I authorize Lucent Technologies Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Lucent Technologies Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

I request that any and all patents for said inventions be issued to Lucent Technologies Inc. in the United States and in all countries foreign to the United States, or to such nominees as Lucent Technologies Inc. may designate.

I agree that, when requested, I shall, without charge to Lucent Technologies Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Date: 29 Feb 2000

Scott W. McLellan  
Scott W. McLellan

United States of America    )  
                                          )  
State of Pennsylvania    ) ss:  
                                          )  
County of Lehigh        )

On this 29<sup>th</sup> day of February, 2000, before me personally came **Scott W. McLellan**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Janet M. Garger  
Notary Public

Notarial Seal  
Janet M. Garger, Notary Public  
Allentown, Lehigh County  
My Commission Expires Dec. 28, 2000  
Member, Pennsylvania Association of Notaries

**EXECUTION COPY**

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**PATENT ASSIGNMENT**

**by and between**

**LUCENT TECHNOLOGIES INC.**

**and**

**AGERE SYSTEMS GUARDIAN CORP.**

**Dated as of January 30, 2001**

---

## PATENT ASSIGNMENT

THIS PATENT ASSIGNMENT (this "Assignment"), effective as of January 30, 2001 (the "Effective Date"), is by and between Lucent Technologies Inc., a Delaware corporation, with offices at 600 Mountain Avenue, Murray Hill, New Jersey 07974, United States of America, ("ASSIGNOR") and Agere Systems Guardian Corp., a Delaware corporation, with offices at 555 Union Boulevard, Allentown, PA 18109, United States of America ("Agere Systems Guardian").

## RECITALS

A. WHEREAS, the Board of Directors of ASSIGNOR has determined that it is in the best interests of ASSIGNOR and its stockholders to separate ASSIGNOR's existing businesses into two independent businesses;

B. WHEREAS, ASSIGNOR presently owns or controls certain patents, patent applications, and invention submissions listed in the attached Appendices A and B (hereinafter "TRANSFERRED PATENTS") and;

C. WHEREAS, in furtherance of the foregoing separation, ASSIGNOR desires to transfer, assign, convey, deliver and vest all of its interests and rights in TRANSFERRED PATENTS for all countries, jurisdictions and political entities of the world, to and in Agere Systems Guardian;

NOW, THEREFORE, in consideration of the premises and for other good and valid consideration, the receipt and sufficiency of which are hereby acknowledged, the parties, intending to be legally bound, agree as follows:

ASSIGNOR, subject to existing rights and licenses of third parties, does hereby assign, convey, transfer and deliver, and agrees to assign, convey, transfer and deliver to Agere Systems Guardian, its successors, assigns and legal representatives or nominees, ASSIGNOR's entire right, title and interest, for all countries, jurisdictions and political entities of the world, along with the right to sue for past infringement, to all TRANSFERRED PATENTS listed on Appendices A and B, and corresponding counterpart foreign patents and patent applications, with respect to which, and to the extent to which, ASSIGNOR now has or hereafter acquires the right to so assign, convey, transfer and deliver. Agere Systems Guardian recognizes that ASSIGNOR holds only bare legal title to the TRANSFERRED PATENTS listed in Appendix A (which lists the United States Patents and patent applications previously exclusively licensed to Lucent Technologies Microelectronics Guardian Corp.).

ASSIGNOR and ASSIGNEE recognize that the patents listed in Appendices A and B may inadvertently include patents that are owned by various subsidiaries of ASSIGNOR, including Agere, Inc., Ortel Corporation, Optimay Corporation, Herrmann Technology, Inc., and Enable Semiconductor, Inc. Ownership of such patents shall not be affected by this Patent

Assignment, and ASSIGNEE agrees that any such patents shall be deemed deleted from Appendices A and B.


ASSIGNOR agrees that, upon request it will, at any time without charge to Agere Systems Guardian, but at Agere Systems Guardian's expense, furnish all necessary documentation relating to or supporting chain of title, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for vesting title to TRANSFERRED PATENTS in Agere Systems Guardian, its successors, assigns and legal representatives or nominees; including but not limited to any acts which may be necessary, desirable or convenient for claiming said rights and for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in Agere Systems Guardian and its respective successors, assigns and legal representatives or nominees.



Execution Copy

IN WITNESS WHEREOF, the parties have caused this PATENT ASSIGNMENT to be executed by their duly authorized representatives as of the Effective Date.

**LUCENT TECHNOLOGIES INC.**

By:   
Daniel P. McCurdy  
President, Intellectual Property Business

**AGERE SYSTEMS GUARDIAN CORP.**

By:   
Fred M. Romano  
President

Execution Copy

ACKNOWLEDGMENTS

STATE OF NEW JERSEY )

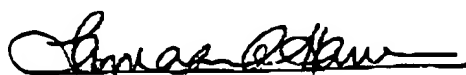
: ss:

COUNTY OF SOMERSET )

I CERTIFY that on January 30, 2001, Daniel P. McCurdy personally came before me and this person acknowledged under oath, to my satisfaction that:

a.) this person signed, sealed and delivered the attached Patent Assignment as President - Intellectual Property Business of Lucent Technologies Inc.; and

b.) this Patent Assignment was signed and made by Lucent Technologies Inc. as its voluntary act and deed by virtue of authority from its Board of Directors.



Name

TAMORA ANNE HANNA

Notary Public

Notary Public of New Jersey

My Commission Expires ~~Registered~~ in Hunterdon County

[Notarial Seal]

My Commission Expires March 25, 2002

STATE OF FLORIDA )

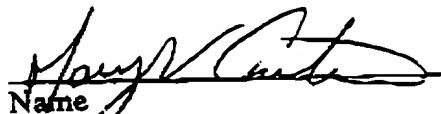
: ss:

COUNTY OF ORANGE )

I CERTIFY that on January 31, 2001, Fred M. Romano personally came before me and this person acknowledged under oath, to my satisfaction that:

a.) this person signed, sealed and delivered the attached Patent Assignment as Vice President of Agere Systems Guardian Corp. ; and

b.) this Patent Assignment was signed and made by Agere Systems Guardian Corp. as its voluntary act and deed by virtue of authority from its Board of Directors.

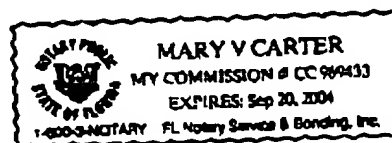


Name

Notary Public

My Commission Expires:

[Notarial Seal]



**APPENDIX B (continued)**  
**Transferred Patents**

Case Name	Filing Date	Issue Date	Patent No.	Serial No.
Mastrocola 11-3-12	1/28/1999			09/239883
Mastrocola 14-27	1/31/2000			09/495522
Mattia 2	11/3/1999			09/433702
Mattia 3	1/25/1999			09/236763
Maury 11-10	5/19/1998		09/080987	
Maury 12-14-2	5/19/1998	4/18/2000	6051500	
Maury 14-17-5	12/24/1998	8/29/2000	6110012	09/220417
Maury 15-5	6/30/1999			09/345039
Maury 16	1/10/2000			09/481464
Maury 18-1-1	6/28/1999			09/340779
Maury 20-21-14-9-1	8/14/1999			09/332216
Maury 22-10	8/16/1999			09/375085
Maury 23-12	10/7/1999			09/414245
Mayak 3-3	2/8/1999			09/245715
McAteer 12-4-1-3	11/13/1995	9/30/1997	D384357	
McCarroll 1	12/29/1998			09/222375
McCarroll 2-3	10/7/1999			09/414865
McDowell 13-25	7/20/1999			09/357327
McKinley 1-5	8/19/1998		09/138740	
→ McLellan 13	3/1/2000			09/516820
McNeill 5-7	8/28/1998		09/141910	
McPartland 17	2/9/1999			09/247302
McPartland 18	5/4/1999	7/4/2000	6084804	09/304888
McPartland 19	5/26/1999			09/318895
McPartland 23-27	5/9/2000			09/567521
Mecklai 2-1	4/29/1999			09/302071
Mecklai 3-2	5/20/1999			09/315274
Meder 2	3/9/1999			09/264918
Meder 4	6/25/1999			09/344733
Meder 5	7/19/1999			09/356604
Meder 7-95-22-48	7/30/1999			09/364858
Meisner 1	10/30/1998			09/182934
Meilen 1-15-2	9/26/1998	5/2/2000	6058256	
Mera 1-1	8/11/2000		09/636130	
Merchant 100-15-116	10/6/1999			09/413742
Merchant 101-18-117	10/7/1999			09/414058
Merchant 106-17-121	8/30/1999			09/385716
Merchant 107-18-122	8/26/1999	8/8/2000	6100587	09/383753
Merchant 109-124	10/18/1999			09/419986
Merchant 110-19-125	8/8/1999			09/370523
Merchant 115-7-128-51	8/31/1999			09/388660
Merchant 121-27-135	10/6/1999			09/413741
Merchant 125-30-138	1/21/2000			09/489206
Merchant 126-31-139	2/2/2000			09/496829
Merchant 127-32-140	1/21/2000			09/489363
Merchant 128-33-142	3/2/2000			09/516836
Merchant 129-34-144	1/21/2000			09/488899
Merchant 135-38-161	8/7/2000		09/633241	
Merchant 18-13-34-1	1/7/1997		08/782010	
Merchant 32-48	12/22/1998			09/218574
Merchant 33-3-3	6/5/1998		09/092158	
Merchant 37-4	10/5/1998			09/166832
Merchant 45-15-83	10/12/1999			09/416491
Merchant 49-5-69-41	8/31/1999			09/387155
Merchant 54-74	6/25/1999			09/344785
Merchant 55-75	1/11/2000			09/480981
Merchant 61-82	1/12/1999			60/115529
Merchant 64	1/7/2000			09/479530
Merchant 75-1-94	9/23/1999			09/404677
Merchant 82-2-99	6/23/1999	6/6/2000	6071808	09/339085

# Delaware

PAGE 1

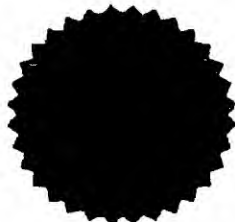
## *The First State*

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"AGERE SYSTEMS GUARDIAN CORP.", A DELAWARE CORPORATION, WITH AND INTO "AGERE SYSTEMS INC." UNDER THE NAME OF "AGERE SYSTEMS INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWENTY-NINTH DAY OF AUGUST, A.D. 2002, AT 9 O'CLOCK A.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF OWNERSHIP IS THE THIRTY-FIRST DAY OF AUGUST, A.D. 2002.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



*Harriet Smith Windsor*  
Harriet Smith Windsor, Secretary of State

3268412 8100M

AUTHENTICATION: 1959517

020545223

DATE: 08-29-02

STATE OF DELAWARE  
SECRETARY OF STATE  
DIVISION OF CORPORATIONS  
FILED 09:00 AM 08/29/2002  
020545223 - 3268412

**CERTIFICATE OF OWNERSHIP AND MERGER**

**OF**

**Agere Systems Guardian Corp.**  
**(a Delaware corporation)**

**INTO**

**Agere Systems Inc.**  
**(a Delaware corporation)**

**UNDER SECTION 253 OF THE GENERAL  
CORPORATION LAW OF THE STATE OF DELAWARE**

Agere Systems Inc., a corporation organized and existing under the laws of Delaware ("Corporation"), **DOES HEREBY CERTIFY:**

**FIRST:** The Corporation is the owner of all of the outstanding shares of common stock of Agere Systems Guardian Corp., which is also a business corporation of the State of Delaware.

**SECOND:** On August 22, 2002 the Subsidiary Governance Committee of the Board of Directors of the Corporation adopted the following resolution to merge Agere Systems Guardian Corp. into the Corporation:

**RESOLVED** that Agere Systems Guardian Corp., a Delaware corporation, shall be merged with and into Agere Systems Inc., a Delaware corporation, with Agere Systems Inc. being the surviving corporation, and Agere Systems Inc. shall thereupon assume all of the obligations of Agere Systems Guardian Corp."

**THIRD:** That the merger authorized hereby shall become effective as of 9:00 a.m. Eastern Standard Time on August 31, 2002.

Executed on August 22, 2002

**AGERE SYSTEMS INC.**

By Paul Bento  
Paul Bento, Vice President